## Declaration, Power of Attorney and Petition

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) belie	eve that we are (I am) the origi	nal, first and joint (sole) inventor(s	) of the subject matter which is
claimed and for whi	ch a patent is sought on the inv	vention entitled	
COMMUNIC	ATING WITH A COMPUTE	R BASED ON THE OFFLINE PL	JRCHASE
HISTORY O	F A PARTICULAR CONSU	MER	
the specification of	which		
	attached hereto.		
	as filed onJanuary 7, 1999		
T A	pplication Serial No. 09/226,1	74	
⊈ ar	nd amended on	· · · · · · · · · · · · · · · · · · ·	
₩ <b>□</b> *	ras filed as PCT international a	pplication	
Ψ N	lumber		
o	n	***************************************	
	nd was amended under PCT A	rticle 19	
	n	(if applicable).	
we (I) ne	reby state that we (I) have revi ns, as amended by any amendn	ewed and understand the contents nent referred to above.	of the above-identified specification,
We (I) ac	knowledge the duty to disclose ned in Section 1.56 of Title 37	information known to be material Code of Federal Regulations.	to the patentability of this
application(s) for least one country foreign application	patent or inventor's certificate,	ted below and have also identified icate, or PCT International applicate.	nai application which designated at
Application No.	Country	Day/Month/Year	Priority Claimed
			Yes No
			Yes No
			Yes No

We (1) hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 24,824; Richard D. Kelly, Registration Number 27,735; Lames D. H. Kuesters, Registration Number 26,299; Charles L. Gholz, Registration Number 26,399; Steven B. Kelber, Registration Number 32,299, John T. Registration Number 32,829; John T. Registration Number 34,621; Richard D. Kelber, Registration Number 33,891; Richard D. Treanor, Registration Number 34,426; Bames J. Kulbaski, Registration Number 34,681; Richard D. Kegistration Number 34,293; Din T. Registration Number 34,293; Din T. Teanor, Registration Number 34,293; Din T. Registration Number 34,293; Din T. Registration Number 34,293; Din T. Registration Number 34,293; Richard D. Kelbracker, Registration Number 32,829; John T. Registration Number 24,834; Richard D. Registration Number 30,073; Robert F. Gouse, Registration Number 25,293; Din T. Registration Number 26,295; Vincent J. Sunderdick, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,431; Stephen G. Baxter, Registration Number 36,379; Steven B. Kelber, Registration Number 30,073; Robert F. Gouse, Registration Number 34,651; Richard D. Kelly, Registration Number 35,299; J. Derek Mason, Registration Number 32,829; John T. Registration Number 34,426; James J. Kulbaski, Registration Number 34,648; Catherine B. Richardson, Registration Number 34,071; Robert L. Pous, Registration Number 34,426; James J. Kulbaski, Registration Number 34,648; Catherine B. Richardson, Registration Number 35,279; and Stormer and Patent Coffice connected therewith; and we (I) hereby request the correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Vi 22202.	
We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 34 any PCT International application designating the United States, listed below and, insofar as the subject matter of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information white material to patentability as defined in 37 CFR § 1.56 which became available between the filling date of the prior application and the national or PCT International filling date of this application.  Application Serial No. Filing Date Status (pending, patented, abandoned)  And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 24,215; Eckhard H. Kuesters, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,470; Robert T. Pous, Registration Number 28,491; Eckhard H. Kuesters, Registration Number 28,492; Eckhard H. Kuesters, Registration Number 28,492; Eckhard H. Kuesters, Registration Number 28,492; Eckhard H. Spiration Number 28,493; Vincent J. Sunderdick, Registration Number 20,004; Number 23,495; Vincent J. Sunderdick, Registration Number 20,004; Number 23,495; Replaced and Spiration Number 20,004; Number 23,495; Robert W. Hahl, Registration Number 23,495; Month T. Goolkasian, Registration Number 26,497; Month Spiration Number 28,495; Abra T. Goolkasian, Registration Number 28,497; Month Spiration Number 28,497; Month Spiration Number 28,495; Month Sp	
We (1) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 36 any PCT International application designating the United States, listed below and, insofar as the subject matter of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 11.2 I acknowledge the duty to disclose information white material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.  Application Serial No. Filing Date Status (pending, patented, abandoned)  And we (1) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Purpley 1. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,77,757; James D. Hat Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,420,909; Charles L. Gholz, Registration Number 26,935; Vincent J. Sunderdick, Registration Number 29,004; E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert T. Pous, Steven E. Menson, Registration Number 30,073; Robert T. Pous, 28,292; John T. Robot Steven B. Kelber, Registration Number 30,073; Robert Steven B. Gooklasian, Registration Number 36,379; Steven B. Rejbertation Number 34,651; Richard L. Tenanor, Registration Number 36,379; Steven B. Richardson, Registration Number 36,379; Steven E. Lipman, Registration Number 34,651; Richard L. Chinn, Registration Number 34,426; James J. Kulbaski, Registration Number 35,270; and Surinder Registration Number 34,426; James J. Kulbaski, Registration Number 35,270; and Surinder Registration Number 34,426; Alexander B. Richardson, Registration Number 3	
any PCT International application designating the United States, listed below and, insolar as the subject material of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, Lacknowledge the duty to disclose information white material to patentability as defining of 35 U.S.C. § 112, Lacknowledge the duty to disclose information white material to patentability as defining of the prior application and the national or PCT International filing date of this application.  Application Serial No. Filing Date Status (pending, patented, abandoned)  And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,915; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,471; James D. Hai Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,475; James D. Hai Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,475; James D. Hai Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,470; Robert T. Pous, Registration Pumber 29,099; Charles L. Gholz, Registration Number 29,099; Steven B. Kelber, Registration Number 20,004; Nobert F. Gnuse, Registration Number 20,004; Nobert S. Spiration Number 20,001; Carl E. Schlier, Registration Number 20,004; Nobert S. Spiration Number 20,001; Carl E. Schlier, Registration Number 20,004; Nobert S. Spiration Number 20,001; Carl E. Schlier, Registration Number 20,004; Nobert S. Spiration Numb	
And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,747; James D. Hau Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 28,909; Charles L. Gholz, Registration Number 28,959; Vincent J. Sunderdick, Registration Number 29,004; Namber 28,281; Eskhard H. Kuesters, Registration Number 28,295; Lean-Paul Lavalleye, Registration Number 30,073; Robert F. Guster Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,491; Esphen G. Baxter, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,491; Esphen G. Baxter, Registration Number 28,289; John T. Goolkasian, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,491; Stephen G. Baxter, Registration Number 28,289; John T. Goolkasian, Registration Number 28,289; John T. Goolkasian, Registration Number 34,405; Steven E. Lipman, Registration Number 34,651; Richard L. Chinn, 18,426; James J. Kulbaski, Registration Number 36,480; Catherine B. Richardson, Registration Number 39,007; Steven B. Richard A. Neifeld, Registration Number 35,299; J. Derek Mason, Registration Number 39,007; and Surinder Registration Number 34,423; our (my) attorneys, with full povers of substitution and revocation, to prosecute application and to transact all business in the Patent Office connected therewith; and we (t) hereby request the correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MALEND, MALE	the hich is
And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Polymber 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 22,324; Rechard D. Kelly, Registration Number 27,375; James D. Har Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 28,491; Ebeaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 30,079; Steven P. Weihrouch, Registration Number 32,829; John C. Goolkasian, Registration Number 34,561; Richard L. Chinn, P. Goolkasian, Registration Number 34,561; Richard L. Chinn, P. Goolkasian, Registration Number 34,651; Richard L. Chinn, P. Registration Numbe	
And we (1) hereby appoint: Norman F. Oblon, Registration Number 24, 174; Gregory J. Maler, Registration Number 25, 200, 1913; C. Irvin McClelland, Registration Number 21, 124; Gregory J. Maler, Registration Number 25, 276; Registration Number 24, 874; Richard D. Kelly, Registration Number 27, 757; James D. Hat Registration Number 28, 420; E. Beaumont, Registration Number 26, 399; Vincent J. Sunderdick, Registration Number 29, 004; E. Beaumont, Registration Number 30, 996; Steven B. Kelber, Registration Number 30, 073; Robert F. Gnuse, Registration Number 30, 1955; Jean-Paul Lavalleye, Registration Number 31, 451; Stephen G. Baxter, Registration Number 32, 884; Martin M. Zollick, Registration Number 34, 5745; Robert W. Hahl, Registration Number 36, 379; Steven P. Weihrouch, Registration Number 38, 2829; John T. Goolkasian, Registration Number 36, 479; Steven P. Weihrouch, Registration Number 34, 513; Richard L. Chinn, Registration Number 34, 630; Steven E. Lipman, Registration Number 30, 11; Carl E. Schlier, Registration Number 34, 426; James J. Kulbaski, Registration Number 35, 299; J. Derek Mason, Registration Number 35, 270; and Surinder Registration Number 34, 420; James J. Kulbaski, Registration Number 35, 299; J. Derek Mason, Registration Number 35, 270; and Surinder Registration Number 34, 420; our (my) attorneys, with full powers of substitution and revocation to prosecute application and to transact all business in the Patent Office connected therewith; and we (1) hereby request the correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Vi 22202.	_
And we (I) hereby appoint: Norman F. Oolon, Registration Number 24, 174; Gregory J. Maler, Registration Number 25, 179, 130; Livin McClelland, Registration Number 21, 124; Gregory J. Maler, Registration Number 25, 177, 13 mes D. Hat Registration Number 28, 421; Eckhard H. Kuesters, Registration Number 28, 420; Kobert T. Pous, Egistration Number 28, 290, 69; Charles L. Gholz, Registration Number 26, 395; Vincent J. Sunderdick, Registration Number 29, 004; E. Beaumont, Registration Number 30, 996; Steven B. Kelber, Registration Number 30, 073; Robert F. Gnuse, Registration Number 30, 143; Stephen G. Baxter, Registration Number 30, 4745; Robert W. Hahl, Registration Number 36, 379; Steven P. Weihrouch, Registration Number 38, 289; John T. Goolkasian, Registration Number 36, 479; Steven P. Weihrouch, Registration Number 34, 529; John T. Goolkasian, Registration Number 34, 461; Richard L. Chinn, Registration Number 34, 405; Steven E. Lipman, Registration Number 30, 11; Carl E. Schlier, Registration Number 34, 426; James J. Kulbaski, Registration Number 35, 299; J. Derek Mason, Registration Number 35, 270; and Surinder Registration Number 34, 420; John Mumber 34, 420; John	
we (1) declare that an statement make from 10 and 1	23,399, Hamilton, In Number I; William Is, ation 893; T. In Number 1,007; der Sachar,

Residence: Annapolis, Maryland 21403 WILH, GARDENSWARTZ NAME OF FIRST SOLE INVENTOR Citizen of: USA Signature of Inventor Post Office Address: 514 5th Street, #1 Annapolis, Maryland 21403 Date



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	New York, New York 10028	
Date		
age or the state of the state o	Residence:	
NAME OF FOURTH JOINT INVENTOR		
	Citizen of:	
Signature of Inventor	Post Office Address:	
red.		
Date		
	Residence:	
NAME OF FIFTH JOINT INVENTOR		
	Out 6	
Signature of Inventor	Citizen of:	
	Post Office Address:	
Date		